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10049249\_CLS  
Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10049249 on November 09, 2004

Original Classifications

44	455/522
20	455/69
17	455/436
13	370/335
10	370/318
10	455/442
9	370/331
8	375/130
7	455/437
6	375/141
5	370/311
5	370/342
4	370/329
4	455/422.1
4	455/438
4	455/466
3	370/252
3	455/249.1
3	455/423
3	455/63.1
2	342/457
2	370/209
2	370/229
2	370/330
2	370/341
2	375/262
2	455/12.1
2	455/126
2	455/127.2
2	455/403
2	455/404.1
2	455/424
2	455/432.1
2	455/452.2
2	455/453
2	455/562.1
2	455/67.13

Cross-Reference Classifications

56	455/69
50	455/522
31	370/342
29	370/335

23 455/436  
20 370/320  
19 370/318  
19 455/442  
17 370/331  
15 370/332  
15 455/439  
14 455/67.11  
12 455/450  
11 370/468  
10 455/67.13  
10 455/70  
9 370/333  
9 455/13.4  
9 455/445  
9 455/561  
9 455/63.1  
8 370/337  
7 455/441  
7 455/525  
6 370/329  
6 370/441  
6 455/437  
6 455/440  
6 455/452.1  
6 455/509  
6 455/560  
5 375/138  
5 455/226.2  
5 455/422.1  
5 455/432.1  
5 455/438  
5 455/453  
5 455/517  
5 455/552.1  
4 370/252  
4 370/311  
4 370/328  
4 370/347  
4 370/349  
4 370/465  
4 375/148  
4 455/245.1  
4 455/524  
3 330/149  
3 370/345  
3 370/348  
3 370/350

3 370/442  
3 375/130  
3 375/147  
3 375/345  
3 375/347  
3 455/127.1  
3 455/234.1  
3 455/413  
3 455/433  
3 455/443  
3 455/456.5  
3 455/465  
3 455/515  
3 455/557  
2 330/278  
2 342/125  
2 342/194  
2 342/463  
2 370/206  
2 370/208  
2 370/330  
2 370/338  
2 370/433  
2 370/437  
2 375/140  
2 375/144  
2 375/219  
2 375/227  
2 375/265  
2 375/295  
2 375/325  
2 375/340  
2 375/341  
2 375/356  
2 455/101  
2 455/103  
2 455/115.3  
2 455/126  
2 455/226.1  
2 455/226.3  
2 455/232.1  
2 455/403  
2 455/412.1  
2 455/412.2  
2 455/428  
2 455/434  
2 455/444  
2 455/456.1

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2 455/458  
2 455/464  
2 455/504  
2 455/513  
2 455/528  
2 455/550.1  
2 455/553.1  
2 455/562.1  
2 455/574  
2 455/62  
2 455/67.14  
2 455/67.16  
2 455/88  
2 714/792  
2 714/794  
2 714/795

Combined Classifications

94 455/522  
76 455/69  
42 370/335  
40 455/436  
36 370/342  
29 370/318  
29 455/442  
26 370/331  
21 370/320  
16 370/332  
16 455/439  
15 455/67.11  
13 455/437  
13 455/450  
12 370/468  
12 455/63.1  
12 455/67.13  
11 375/130  
11 455/70  
10 370/329  
10 455/445  
10 455/561  
9 370/311  
9 370/333  
9 370/337  
9 455/13.4  
9 455/422.1  
9 455/438  
8 455/441  
8 455/525

7 370/252  
7 370/441  
7 455/432.1  
7 455/440  
7 455/452.1  
7 455/453  
7 455/509  
7 455/560  
6 375/141  
5 370/328  
5 370/347  
5 375/138  
5 455/226.2  
5 455/245.1  
5 455/466  
5 455/517  
5 455/524  
5 455/552.1  
4 370/330  
4 370/348  
4 370/349  
4 370/465  
4 375/148  
4 375/347  
4 455/126  
4 455/234.1  
4 455/249.1  
4 455/403  
4 455/423  
4 455/443  
4 455/562.1  
3 330/149  
3 342/457  
3 370/338  
3 370/341  
3 370/345  
3 370/350  
3 370/442  
3 375/147  
3 375/340  
3 375/345  
3 455/127.1  
3 455/127.2  
3 455/412.1  
3 455/413  
3 455/424  
3 455/433  
3 455/434

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3 455/452.2  
3 455/456.1  
3 455/456.5  
3 455/465  
3 455/515  
3 455/557  
3 455/574  
2 330/278  
2 342/125  
2 342/194  
2 342/463  
2 370/206  
2 370/208  
2 370/209  
2 370/229  
2 370/433  
2 370/437  
2 375/132  
2 375/140  
2 375/144  
2 375/150  
2 375/219  
2 375/224  
2 375/227  
2 375/262  
2 375/265  
2 375/295  
2 375/317  
2 375/325  
2 375/341  
2 375/356  
2 455/101  
2 455/103  
2 455/115.3  
2 455/12.1  
2 455/226.1  
2 455/226.3  
2 455/232.1  
2 455/404.1  
2 455/412.2  
2 455/414.1  
2 455/428  
2 455/444  
2 455/458  
2 455/464  
2 455/502  
2 455/504  
2 455/513

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2 455/523  
2 455/528  
2 455/550.1  
2 455/553.1  
2 455/566  
2 455/62  
2 455/67.14  
2 455/67.16  
2 455/88  
2 714/704  
2 714/792  
2 714/794  
2 714/795



10049249\_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 10049249 on November 09, 2004

94 455/522 (44 OR, 50 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS  
 455/500 .Plural transmitters or receivers (i.e., more than two stations)  
 455/507 ..Central station (e.g., master, etc.)  
 455/517 ...To or from mobile station  
 455/522 ....Transmission power control technique

76 455/69 (20 OR, 56 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS  
 455/68 .With control signal  
 455/69 ..Transmitter controlled by signal feedback from receiver

42 370/335 (13 OR, 29 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/310 COMMUNICATION OVER FREE SPACE  
 370/328 .Having a plurality of contiguous regions served by respective fixed stations  
 370/329 ..Channel assignment  
 370/335 ...Combining or distributing information via code word channels using multiple access techniques (e.g., CDMA)

40 455/436 (17 OR, 23 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/403 RADIOTELEPHONE SYSTEM  
 455/422.1 .Zoned or cellular telephone system  
 455/436 ..Handoff

36 370/342 (5 OR, 31 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/310 COMMUNICATION OVER FREE SPACE  
 370/342 .Combining or distributing information via code word channels using multiple access techniques (e.g., CDMA)

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- 29 370/318 (10 OR, 19 XR)
  - Class 370 : MULTIPLEX COMMUNICATIONS
  - 370/310 COMMUNICATION OVER FREE SPACE
  - 370/315 .Repeater
  - 370/316 ..Airborne or space satellite repeater
  - 370/317 ...Including noise compensation
  - 370/318 ....Including power control
  
- 29 455/442 (10 OR, 19 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/403 RADIOTELEPHONE SYSTEM
  - 455/422.1 .Zoned or cellular telephone system
  - 455/436 ..Handoff
  - 455/442 ...Soft handoff
  
- 26 370/331 (9 OR, 17 XR)
  - Class 370 : MULTIPLEX COMMUNICATIONS
  - 370/310 COMMUNICATION OVER FREE SPACE
  - 370/328 .Having a plurality of contiguous regions  
served by respective fixed stations
  - 370/329 ..Channel assignment
  - 370/331 ...Hand-off control
  
- 21 370/320 (1 OR, 20 XR)
  - Class 370 : MULTIPLEX COMMUNICATIONS
  - 370/310 COMMUNICATION OVER FREE SPACE
  - 370/315 .Repeater
  - 370/316 ..Airborne or space satellite repeater
  - 370/319 ...Multiple access (e.g., FDMA)
  - 370/320 ....Code division (CDMA)
  
- 16 370/332 (1 OR, 15 XR)
  - Class 370 : MULTIPLEX COMMUNICATIONS
  - 370/310 COMMUNICATION OVER FREE SPACE
  - 370/328 .Having a plurality of contiguous regions  
served by respective fixed stations
  - 370/329 ..Channel assignment
  - 370/331 ...Hand-off control
  - 370/332 ....Based upon a particular signal quality  
measurement
  
- 16 455/439 (1 OR, 15 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/403 RADIOTELEPHONE SYSTEM
  - 455/422.1 .Zoned or cellular telephone system
  - 455/436 ..Handoff
  - 455/439 ...Handoff initiated by another source (e.g.,

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target, user initiated, mobile switching ce  
nter (MSC), or  
mobile telephone switching office (MTSO), e  
tc.)

15 455/67.11 (1 OR, 14 XR)  
Class 455 : TELECOMMUNICATIONS  
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/67.11 .Having measuring, testing, or monitoring of  
system or part

13 455/437 (7 OR, 6 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/436 ..Handoff  
455/437 ...Mobile assisted or initiated

13 455/450 (1 OR, 12 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/450 ..Channel allocation

12 370/468 (1 OR, 11 XR)  
Class 370 : MULTIPLEX COMMUNICATIONS  
370/464 COMMUNICATION TECHNIQUES FOR INFORMATION  
CARRIED IN PLURAL CHANNELS  
370/465 .Adaptive  
370/468 ..Assignment of variable bandwidth or time  
period for transmission or reception

12 455/63.1 (3 OR, 9 XR)  
Class 455 : TELECOMMUNICATIONS  
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS  
455/63.1 .Distortion, noise, or other interference  
prevention, reduction, or compensation

12 455/67.13 (2 OR, 10 XR)  
Class 455 : TELECOMMUNICATIONS  
455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS  
455/67.11 .Having measuring, testing, or monitoring of  
system or part  
455/67.13 ..Noise, distortion, or unwanted signal  
detection (e.g., quality control, etc.)

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11 375/130 (8 OR, 3 XR)  
     Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
     375/130 SPREAD SPECTRUM

11 455/70 (1 OR, 10 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/68 .With control signal  
     455/70 ..Receiver control signal originates at messag  
     e  
         transmitter

10 370/329 (4 OR, 6 XR)  
     Class 370 : MULTIPLEX COMMUNICATIONS  
     370/310 COMMUNICATION OVER FREE SPACE  
     370/328 .Having a plurality of contiguous regions  
             served by respective fixed stations  
     370/329 ..Channel assignment

10 455/445 (1 OR, 9 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/403 RADIOTELEPHONE SYSTEM  
     455/422.1 .Zoned or cellular telephone system  
     455/445 ..Call routing (e.g., to prevent backhaul,  
     e routing) routing efficiency, least cost, or alternat

10 455/561 (1 OR, 9 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.  
         TRANSCEIVER)  
     455/550.1 .Radiotelephone equipment detail  
     455/561 ..Base station detail

9 370/311 (5 OR, 4 XR)  
     Class 370 : MULTIPLEX COMMUNICATIONS  
     370/310 COMMUNICATION OVER FREE SPACE  
     370/311 .Signaling for performing battery saving

9 370/333 (0 OR, 9 XR)  
     Class 370 : MULTIPLEX COMMUNICATIONS  
     370/310 COMMUNICATION OVER FREE SPACE  
     370/328 .Having a plurality of contiguous regions  
             served by respective fixed stations  
     370/329 ..Channel assignment

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370/331 ...Hand-off control

370/332 ....Based upon a particular signal quality measurement

370/333 .....Signal quality determined by bit error rate

9 370/337 (1 OR, 8 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/310 COMMUNICATION OVER FREE SPACE

370/328 .Having a plurality of contiguous regions served by respective fixed stations

370/329 ..Channel assignment

370/336 ...Combining or distributing information via time channels

370/337 ....Multiple access (e.g., TDMA)

9 455/13.4 (0 OR, 9 XR)

Class 455 : TELECOMMUNICATIONS

455/7 CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E., RETRANSMISSION OF SAME INFORMATION)

455/11.1 .Portable or mobile repeater

455/12.1 ..Space satellite

455/13.4 ...Power control

9 455/422.1 (4 OR, 5 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422.1 .Zoned or cellular telephone system

9 455/438 (4 OR, 5 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422.1 .Zoned or cellular telephone system

455/436 ..Handoff

455/438 ...Serving site initiated

8 455/441 (1 OR, 7 XR)

Class 455 : TELECOMMUNICATIONS

455/403 RADIOTELEPHONE SYSTEM

455/422.1 .Zoned or cellular telephone system

455/436 ..Handoff

455/441 ...Based upon unit velocity

8 455/525 (1 OR, 7 XR)

Class 455 : TELECOMMUNICATIONS

455/39 TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

455/500 .Plural transmitters or receivers (i.e., more

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                                10049249_CLSTITLES
                                than two stations)
455/507      ..Central station (e.g., master, etc.)
455/517      ...To or from mobile station
455/524      ....Multiple base stations
455/525      .....Base station selection

7  370/252      (3 OR, 4 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
    370/241      DIAGNOSTIC TESTING (OTHER THAN SYNCHRONIZATION
)

    370/252      .Determination of communication parameters

7  370/441      (1 OR, 6 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
    370/431      CHANNEL ASSIGNMENT TECHNIQUES
    370/441      .Combining or distributing information via cod
e
                                word channels using multiple access techniq
ues (e.g., CDMA)

7  455/432.1    (2 OR, 5 XR)
    Class 455 : TELECOMMUNICATIONS
    455/403      RADIOTELEPHONE SYSTEM
    455/422.1    .Zoned or cellular telephone system
    455/432.1    ..Roaming

7  455/440      (1 OR, 6 XR)
    Class 455 : TELECOMMUNICATIONS
    455/403      RADIOTELEPHONE SYSTEM
    455/422.1    .Zoned or cellular telephone system
    455/436      ..Handoff
    455/440      ...Based upon unit location

7  455/452.1    (1 OR, 6 XR)
    Class 455 : TELECOMMUNICATIONS
    455/403      RADIOTELEPHONE SYSTEM
    455/422.1    .Zoned or cellular telephone system
    455/450      ..Channel allocation
    455/452.1    ...Dynamic allocation

7  455/453      (2 OR, 5 XR)
    Class 455 : TELECOMMUNICATIONS
    455/403      RADIOTELEPHONE SYSTEM
    455/422.1    .Zoned or cellular telephone system
    455/450      ..Channel allocation
    455/453      ...Load balancing

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7  455/509      (1 OR, 6 XR)
    Class 455 : TELECOMMUNICATIONS
    455/39      TRANSMITTER AND RECEIVER AT SEPARATE STATIONS

    455/500      .Plural transmitters or receivers (i.e., more
                  than two stations)
    455/507      ..Central station (e.g., master, etc.)
    455/509      ...Channel allocation

7  455/560      (1 OR, 6 XR)
    Class 455 : TELECOMMUNICATIONS
    455/73      TRANSMITTER AND RECEIVER AT SAME STATION (E.G.
                  TRANSCEIVER)
    455/550.1    .Radiotelephone equipment detail
    455/560      ..Switching unit detail (e.g., mobile telephon
e                  switching office (MTSO), base station contr
oller (BSC),
                  etc.)

6  375/141      (6 OR, 0 XR)
    Class 375 : PULSE OR DIGITAL COMMUNICATIONS
    375/130      SPREAD SPECTRUM
    375/140      .Direct sequence
    375/141      ..End-to-end transmission system

5  370/328      (1 OR, 4 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
    370/310      COMMUNICATION OVER FREE SPACE
    370/328      .Having a plurality of contiguous regions
                  served by respective fixed stations

5  370/347      (1 OR, 4 XR)
    Class 370 : MULTIPLEX COMMUNICATIONS
    370/310      COMMUNICATION OVER FREE SPACE
    370/345      .Combining or distributing information via tim
e                  channels
    370/347      ..Multiple access (e.g., TDMA)

5  375/138      (0 OR, 5 XR)
    Class 375 : PULSE OR DIGITAL COMMUNICATIONS
    375/130      SPREAD SPECTRUM
    375/138      .Time hopping

5  455/226.2    (0 OR, 5 XR)

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Class	455	:	TELECOMMUNICATIONS
455/130			RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY CONVERTER
455/226.1			.Measuring or testing of receiver
455/226.2			..Signal strength

5 455/245.1 (1 OR, 4 XR)

Class	455	:	TELECOMMUNICATIONS
455/130			RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY CONVERTER
455/230			.Local control of receiver operation
455/232.1			..Gain control
455/234.1			...Automatic
455/245.1			....Automatic gain control signal derived from information signal

5 455/466 (4 OR, 1 XR)

Class	455	:	TELECOMMUNICATIONS
455/403			RADIOTELEPHONE SYSTEM
455/466			.Auxiliary data signaling (e.g., short message service (SMS))

5 455/517 (0 OR, 5 XR)

Class	455	:	TELECOMMUNICATIONS
455/39			TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
455/500			.Plural transmitters or receivers (i.e., more than two stations)
455/507			..Central station (e.g., master, etc.)
455/517			...To or from mobile station

5 455/524 (1 OR, 4 XR)

Class	455	:	TELECOMMUNICATIONS
455/39			TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
455/500			.Plural transmitters or receivers (i.e., more than two stations)
455/507			..Central station (e.g., master, etc.)
455/517			...To or from mobile station
455/524			....Multiple base stations

5 455/552.1 (0 OR, 5 XR)

Class	455	:	TELECOMMUNICATIONS
455/73			TRANSMITTER AND RECEIVER AT SAME STATION (E.G. TRANSCEIVER)
455/550.1			.Radiotelephone equipment detail
455/552.1			..Operable on more than one system



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- 4 370/330 (2 OR, 2 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/310 COMMUNICATION OVER FREE SPACE  
 370/328 .Having a plurality of contiguous regions  
           served by respective fixed stations  
 370/329 ..Channel assignment  
 370/330 ...Having both time and frequency assignment
- 4 370/348 (1 OR, 3 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/310 COMMUNICATION OVER FREE SPACE  
 370/345 .Combining or distributing information via tim  
 e  
           channels  
 370/347 ..Multiple access (e.g., TDMA)  
 370/348 ...Channel reservation scheme
- 4 370/349 (0 OR, 4 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/310 COMMUNICATION OVER FREE SPACE  
 370/345 .Combining or distributing information via tim  
 e  
           channels  
 370/349 ..Using messages having an address field as  
           header
- 4 370/465 (0 OR, 4 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/464 COMMUNICATION TECHNIQUES FOR INFORMATION  
           CARRIED IN PLURAL CHANNELS  
 370/465 .Adaptive
- 4 375/148 (0 OR, 4 XR)  
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
 375/130 SPREAD SPECTRUM  
 375/140 .Direct sequence  
 375/147 ..Receiver  
 375/148 ...Multi-receiver or interference cancellation
- 4 375/347 (1 OR, 3 XR)  
 Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
 375/316 RECEIVERS  
 375/346 .Interference or noise reduction  
 375/347 ..Diversity (frequency or time)
- 4 455/126 (2 OR, 2 XR)

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Class 455 : TELECOMMUNICATIONS  
 455/91 TRANSMITTER  
 455/126 .With feedback of modulated output signal

4 455/234.1 (1 OR, 3 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY  
 CONVERTER  
 455/230 .Local control of receiver operation  
 455/232.1 ..Gain control  
 455/234.1 ...Automatic

4 455/249.1 (3 OR, 1 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY  
 CONVERTER  
 455/230 .Local control of receiver operation  
 455/232.1 ..Gain control  
 455/234.1 ...Automatic  
 455/249.1 ....Variable attenuator type

4 455/403 (2 OR, 2 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/403 RADIOTELEPHONE SYSTEM

4 455/423 (3 OR, 1 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/403 RADIOTELEPHONE SYSTEM  
 455/422.1 .Zoned or cellular telephone system  
 455/423 ..Diagnostic testing, malfunction indication,  
 or electrical condition measurement

4 455/443 (1 OR, 3 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/403 RADIOTELEPHONE SYSTEM  
 455/422.1 .Zoned or cellular telephone system  
 455/436 ..Handoff  
 455/443 ...Overlapping cells

4 455/562.1 (2 OR, 2 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.  
 TRANSCEIVER)  
 455/550.1 .Radiotelephone equipment detail  
 455/561 ..Base station detail  
 455/562.1 ...Having specific antenna arrangement

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- 3 330/149 (0 OR, 3 XR)  
 Class 330 : AMPLIFIERS  
 330/149 HUM OR NOISE OR DISTORTION BUCKING INTRODUCED  
 INTO SIGNAL CHANNEL
- 3 342/457 (2 OR, 1 XR)  
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
 AND DEVICES  
 342/350 DIRECTIVE  
 342/450 .Position indicating (e.g., triangulation)  
 342/457 ..Land vehicle location (e.g., bus, police car)
- 3 370/338 (1 OR, 2 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/310 COMMUNICATION OVER FREE SPACE  
 370/328 .Having a plurality of contiguous regions  
 served by respective fixed stations  
 370/338 ..Contiguous regions interconnected by a local  
 area network
- 3 370/341 (2 OR, 1 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/310 COMMUNICATION OVER FREE SPACE  
 370/340 .Using trunking  
 370/341 ..Channel assignment
- 3 370/345 (0 OR, 3 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/310 COMMUNICATION OVER FREE SPACE  
 370/345 .Combining or distributing information via tim  
 e  
 channels
- 3 370/350 (0 OR, 3 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/310 COMMUNICATION OVER FREE SPACE  
 370/345 .Combining or distributing information via tim  
 e  
 channels  
 370/350 ..Synchronization
- 3 370/442 (0 OR, 3 XR)  
 Class 370 : MULTIPLEX COMMUNICATIONS  
 370/431 CHANNEL ASSIGNMENT TECHNIQUES  
 370/442 .Combining or distributing information via tim  
 e  
 channels using multiple access technique (e

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.g., TDMA)

- 3 375/147 (0 OR, 3 XR)
  - Class 375 : PULSE OR DIGITAL COMMUNICATIONS
  - 375/130 SPREAD SPECTRUM
  - 375/140 .Direct sequence
  - 375/147 ..Receiver
- 3 375/340 (1 OR, 2 XR)
  - Class 375 : PULSE OR DIGITAL COMMUNICATIONS
  - 375/316 RECEIVERS
  - 375/340 .Particular pulse demodulator or detector
- 3 375/345 (0 OR, 3 XR)
  - Class 375 : PULSE OR DIGITAL COMMUNICATIONS
  - 375/316 RECEIVERS
  - 375/345 .Automatic gain control
- 3 455/127.1 (0 OR, 3 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/91 TRANSMITTER
  - 455/127.1 .Power control, power supply, or bias voltage  
supplysupply
- 3 455/127.2 (2 OR, 1 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/91 TRANSMITTER
  - 455/127.1 .Power control, power supply, or bias voltage  
supplysupply
  - 455/127.2 ..Gain control
- 3 455/412.1 (1 OR, 2 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/403 RADIOTELEPHONE SYSTEM
  - 455/412.1 .Message storage or retrieval
- 3 455/413 (0 OR, 3 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/403 RADIOTELEPHONE SYSTEM
  - 455/412.1 .Message storage or retrieval
  - 455/413 ..Voice mail
- 3 455/424 (2 OR, 1 XR)
  - Class 455 : TELECOMMUNICATIONS
  - 455/403 RADIOTELEPHONE SYSTEM
  - 455/422.1 .Zoned or cellular telephone system
  - 455/423 ..Diagnostic testing, malfunction indication,  
or electrical condition measurement

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455/424           ...System equipment

3 455/433           (0 OR, 3 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/403        RADIOTELEPHONE SYSTEM  
     455/422.1      .Zoned or cellular telephone system  
     455/432.1      ..Roaming  
     455/433        ...Home location registration (HLR) or visitor  
                     location registration (VLR) detail

3 455/434           (1 OR, 2 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/403        RADIOTELEPHONE SYSTEM  
     455/422.1      .Zoned or cellular telephone system  
     455/434        ..Control or access channel scanning

3 455/452.2        (2 OR, 1 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/403        RADIOTELEPHONE SYSTEM  
     455/422.1      .Zoned or cellular telephone system  
     455/450        ..Channel allocation  
     455/452.1      ...Dynamic allocation  
     455/452.2      ....Based on service quality (e.g., bandwidth,  
                     etc.)

3 455/456.1        (1 OR, 2 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/403        RADIOTELEPHONE SYSTEM  
     455/422.1      .Zoned or cellular telephone system  
     455/456.1      ..Location monitoring

3 455/456.5        (0 OR, 3 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/403        RADIOTELEPHONE SYSTEM  
     455/422.1      .Zoned or cellular telephone system  
     455/456.1      ..Location monitoring  
     455/456.5      ...At system equipment (i.e., base station)

3 455/465           (0 OR, 3 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/403        RADIOTELEPHONE SYSTEM  
     455/465        .Including public cordless extension system

3 455/515           (0 OR, 3 XR)  
     Class 455 : TELECOMMUNICATIONS  
     455/39         TRANSMITTER AND RECEIVER AT SEPARATE STATIONS  
     455/500        .Plural transmitters or receivers (i.e., more

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 than two stations)

455/507 ..Central station (e.g., master, etc.)  
 455/515 ...Control channel monitoring (i.e., paging or  
 access channel signaling) for system access

3 455/557 (0 OR, 3 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.  
 TRANSCEIVER)  
 455/550.1 .Radiotelephone equipment detail  
 455/557 ..Interface attached device (e.g., interface  
 with modem, facsimile, computer, etc.)

3 455/574 (1 OR, 2 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.  
 TRANSCEIVER)  
 455/550.1 .Radiotelephone equipment detail  
 455/572 ..Power supply  
 455/574 ...Power conservation

2 330/278 (0 OR, 2 XR)  
 Class 330 : AMPLIFIERS  
 330/250 WITH SEMICONDUCTOR AMPLIFYING DEVICE (E.G.,  
 TRANSISTOR)  
 330/278 .Including gain control means

2 342/125 (0 OR, 2 XR)  
 Class 342

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PLUS Search Results for S/N 10049249, Searched November 09, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search

system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are

most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

6567670	6144841	5663954	6339697	5987326	5507006
6233222	6233439	5669066	6567459	6018651	5724380
6219342	6418322	5687171	6181683	6023615	5754958
6219342	6603971	5722074	6363252	6026285	5761619
6587447	6606497	5790528	6438116	6052566	5774460
6590874	6628924	5796722	6463307	6070085	5832383
6463295	6636735	5850607	6574266	6104919	5940774
6415137	6658252	5887252	5799243	6148207	5953655
5623484	6754496	5909436	6011974	6173188	5978685
6490461	6768907	5987056	5191580	6215827	6061572
6724719	6781969	6047198	6490268	6215827	6061572
6731606	6038452	6169731	6519457	6259927	6131030
6167259	6285887	6229844	6580910	6298241	6137825
6731948	5367559	6266527	6667961	6298242	6252860
6738640	5995835	6285668	6721566	6335922	6393268
5862489	6329139	6341214	5386456	6377813	6400938
6078813	6337973	6374119	5471644	6396867	6400949
6449462	6337987	6411818	5640679	6400960	6434399
5914947	6337988	6430414	5802465	6404826	6438370
5937355	6337989	6442152	5884176	6411799	6577868
6002919	6385437	6498932	5991620	6449463	6577872
6009328	6535723	6507601	6219550	6453177	6580699
6539226	6549785	6519233	6219550	6493331	6603750
6173162	6564067	6539010	6385178	6501958	6633767
5913167	6324207	6556838	6400951	6512750	6512927
6181738	6337974	6577875	6442388	6519462	4912471
6341224	6600772	6594499	6445924	6529741	4499468
6341225	6728292	6606342	6487410	6545986	5706207
6366763	5493707	6611690	6493554	6564042	5778030
6370359	5839056	6621808	6532363	6567645	5982759
6381445	4284978	6633766	6577867	6580745	6006093
6400929	5832368	6636552	6643513	6587442	6118402
6430398	5991639	6643318	5555298	6618598	4949092
6434124	5995496	6654358	4893069	6633552	5317315
6487394	6128506	6674739	5715526	6744743	5410729

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6505035	6128485	6678529	5758271	6748232	5592170
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6597894	6195613	6690944	5960362	6757537	3553430
6597923	6262539	6728551	5991284	6760596	3659292
6611676	6456605	6754505	6085108	6771978	4047117
6711150	6473614	6757319	6084904	6778831	4145690
6747965	6487420	6804512	6240071	6785227	4280355
6760597	6603773	5793744	5475861	5708656	4316190
6768727	5952969	5900785	5697081	5901354	4316191
6782497	6031490	5953660	5809020	6091717	4316192
6791954	6009091	5991287	5812542	6094426	4341730
6246878	6219343	6047189	5842113	6188910	4354278
6167248	6219343	6052385	5923650	5345448	4390770
6230013	6236866	6097965	5940452	5438609	4399803
6490453	5533013	6205333	5960361	5467381	4465372



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6449462	6337987	6411818	5640679	6400960	6434399
5914947	6337988	6430414	5802465	6404826	6438370
5937355	6337989	6442152	5884176	6411799	6577868
6002919	6385437	6498932	5991620	6449463	6577872
6009328	6535723	6507601	6219550	6453177	6580699
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6173162	6564067	6539010	6385178	6501958	6633767
5913167	6324207	6556838	6400951	6512750	6512927
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6370359	5839056	6621808	6532363	6567645	5982759
6381445	4284978	6633766	6577867	6580745	6006093
6400929	5832368	6636552	6643513	6587442	6118402
6430398	5991639	6643318	5555298	6618598	4949092
6434124	5995496	6654358	4893069	6633552	5317315
6487394	6128506	6674739	5715526	6744743	5410729

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6711150	6473614	6757319	6084904	6778831	4145690
6747965	6487420	6804512	6240071	6785227	4280355
6760597	6603773	5793744	5475861	5708656	4316190
6768727	5952969	5900785	5697081	5901354	4316191
6782497	6031490	5953660	5809020	6091717	4316192
6791954	6009091	5991287	5812542	6094426	4341730
6246878	6219343	6047189	5842113	6188910	4354278
6167248	6219343	6052385	5923650	5345448	4390770
6230013	6236866	6097965	5940452	5438609	4399803
6490453	5533013	6205333	5960361	5467381	4465372